

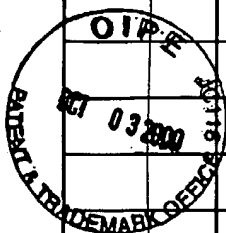
FORM PTO-1449 (Rev. 2-32)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. PHL-24,740	SERIAL NO. 09/382,421
	APPLICANT Jeffry Jovan Philyaw and David Kent Mathews	
	FILING DATE August 24, 1999	GROUP 2756

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	1	4,002,886	01/11/77	Sundelin	235	61.7R	
<i>W</i>	2	4,365,148	12/21/82	Whitney	235	383	
	3	4,780,599	10/25/88	Baus	235	383	
	4	4,785,296	11/15/88	Tabata et al.	340	731	
	5	4,833,308	05/23/89	Humble	235	383	
	6	4,845,634	07/04/89	Vitek et al.	364	468	
	7	4,901,073	02/13/90	Kibrick	341	13	
	8	4,916,293	04/10/90	Cartlidge et al.	235	375	
	9	4,959,530	09/25/90	O'Connor	235	383	
	10	5,038,023	08/06/91	Saliga	235	385	
	11	5,054,096	10/01/91	Beizer	382	41	
	12	5,088,045	02/11/92	Shimanaka et al.	364	468	
	13	5,111,391	05/05/92	Fields et al.	364	401	
	14	5,115,326	05/19/92	Burgess et al.	358	440	
	15	5,161,037	11/03/92	Saito	358	468	
	16	5,161,214	11/03/92	Addink et al.	395	145	
	17	5,182,705	01/26/93	Barr et al.	364	401	
	18	5,189,630	02/23/93	Barstow et al.	364	514	
	19	5,191,525	03/02/93	LeBrun et al.	364	419	
	20	5,198,644	03/30/93	Pfeiffer et al.	235	383	
	21	5,235,654	08/10/93	Anderson et al.	382	61	
<i>W</i>	22	5,241,402	08/31/93	Aboujaoude et al.	358	406	
	23	5,243,531	09/07/93	DiPippo et al.	364	468	
<i>W</i>	24	5,288,976	02/22/94	Citron et al.	235	375	

25	5,296,688	03/22/94	Hamilton et al.	235	375	
26	5,304,786	04/19/94	Pavlidis et al.	235	462	
27	5,324,922	06/28/94	Roberts	235	375	
28	5,331,547	07/19/94	Laszlo	364	413.01	
29	5,340,966	08/23/94	Morimoto	235	376	
30	5,362,948	11/08/94	Morimoto	235	376	
31	5,382,779	01/17/95	Gupta	235	383	
32	5,386,298	01/31/95	Bronnenberg et al.	358	403	
33	5,398,336	03/14/95	Tantry et al.	395	600	
34	5,405,232	04/11/95	Lloyd et al.	414	280	
35	5,418,713	05/23/95	Allen	364	403	
36	5,420,403	05/30/95	Allum et al.	235	375	
37	5,420,943	05/30/95	Mak	382	313	
38	5,424,524	06/13/95	Ruppert et al.	235	462	
39	5,491,508	02/13/96	Friedell et al.	348	16	
40	5,493,107	02/20/96	Gupta et al.	235	383	
41	5,519,878	05/21/96	Dolin, Jr.	395	800	
42	5,530,852	06/25/96	Meske, Jr. et al.	396	600	
43	5,572,643	11/05/96	Judson	395	793	
44	5,592,551	01/07/97	Lett et al.	380	20	
45	5,594,226	01/14/97	Steger	235	379	
46	5,602,377	02/11/97	Beller et al.	235	462	
47	5,649,186	07/15/97	Ferguson	395	610	
48	5,671,282	09/23/97	Wolff et al.	380	25	
49	5,675,721	10/07/97	Freedman et al.	395	129	
50	5,682,540	10/28/97	Klotz, Jr. et al.	395	766	
51	5,694,163	12/02/97	Harrison	348	13	
52	5,710,887	01/20/98	Chelliah et al.	395	226	
53	5,745,681	04/28/98	Levine et al.	395	200.3	
54	5,754,906	05/19/98	Yoshida	396	448	
55	5,757,917	05/26/98	Rose et al.	380	25	

56	5,764,906	06/09/98	Edelstein et al.	395	200.49	
57	5,765,176	06/09/98	Bloomberg	707	514	
58	5,774,664	06/30/98	Hidary et al.	395	200	
59	5,778,367	07/07/98	Wesinger, Jr. et al.	707	10	
60	5,791,991	08/11/98	Small	463	41	
61	5,796,952	08/18/98	Davis et al.	305	200.54	
62	5,804,803	09/08/98	Cragun et al.	235	375	
63	5,815,776	09/29/98	Nukada	399	174	
64	5,832,223	11/03/98	Hara et al.	395	200.47	
65	5,833,468	11/10/98	Guy et al.	434	350	
66	5,848,202	12/08/98	D'Eri et al.	382	306	
67	5,848,413	12/08/98	Wolff	707	10	
68	5,854,897	12/29/98	Radziewicz et al.	709	224	
69	5,864,823	01/26/99	Levitan	105	14	
70	5,869,819	02/09/99	Knowles et al.	235	375	
71	5,905,248	05/18/99	Russell et al.	235	462	
72	5,905,665	05/18/99	Rim	364	746	
73	5,905,865	05/18/99	Palmer et al.	395	200.47	
74	5,913,210	06/15/99	Call	707	4	
75	5,915,090	06/22/99	Joseph et al.	709	202	
76	5,918,214	06/29/00	Perkowski	705	27	
77	5,925,865	07/20/99	Steger	235	379	
78	5,929,850	07/27/99	Broadwin et al.	345	327	
79	5,932,863	08/03/99	Rathus et al.	235	462.15	
80	5,948,061	09/07/99	Merriman et al.	709	219	
81	5,957,695	09/28/99	Redford et al.	434	307R	
82	5,960,411	09/28/99	Hartman et al.	705	26	
83	5,961,603	10/05/99	Kunkel et al.	709	229	
84	5,970,471	10/19/99	Hill	705	26	
85	5,970,472	10/19/99	Allsop et al.	705	26	
86	5,971,277	10/26/99	Cragun et al.	235	462.01	



87	5,974,443	10/26/99	Jeske	709	202	
88	5,974,451	10/26/99	Simmons	709	218	
89	5,976,833	11/02/99	Furukawa et al.	435	69.1	
90	5,978,773	11/02/99	Hudetz et al.	709	219	
91	5,991,739	11/23/99	Cupps et al.	705	26	
92	5,992,752	11/30/99	Wilz, Sr. et al.	235	472.01	
93	5,995,105	11/30/99	Reber et al.	345	356	
94	6,002,394	12/14/99	Schein et al.	345	327	
95	6,003,073	12/14/99	Solvason	709	219	
96	6,006,257	12/21/99	Slezak	709	219	
97	6,009,410	12/28/99	LeMole et al.	709	219	
98	6,009,465	12/28/99	Decker et al.	709	219	
99	6,012,102	01/04/00	Shachar	710	5	
100	6,018,764	01/25/00	Field et al.	709	217	
101	6,049,539	04/11/00	Lee et al.	370	355	
102	6,064,929	05/16/00	Perkowski	705	26	
103	6,108,656	08/22/00	Durst et al.	707	10	

#### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	F1	WO 95/10813	10/14/94	PCT	G06F	15/403	NO
	F2	WO 96/07146	9/1/95	PCT	G06F	17/00	NO
	F3	WO 97/37319	2/20/97	PCT	G06K	7/10	NO
	F4	WO 98/03923	1/29/98	PCT	G06F	15/163	NO
	F5	WO 98/06055	2/12/98	PCT	G06F	163/00	NO
	F6	WO 98/09243	8/22/97	PCT	G06F	19/00	NO
	F7	WO 98/19259	5/7/98	PCT	G06F	17/60	NO
	F8	WO 98/40823	9/17/98	PCT	G06F	13/00	NO
	F9	WO 99/63457	6/3/99	PCT	G06F	17/30	NO
	F10	EP 0 961 250 A2	12/1/99	EP	G07F	19/00	NO
	F11	JP 10188140A	12/24/96	JP	G07G	1/12	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

<i>pl</i>	D1	"Group Decision Support System: Development and Application", Energy Systems, Westinghouse, Pittsburgh, PA
<i>↑</i>	D2	"New Technologies in Credit Card Authentication", Pieter de Bryne, Institute for Communications Technology, Zurich, Switzerland
<i>↑</i>	D3	"AVITAL, a Private Teaching System by Fax Communication", Atsusji Iizawa, Noriro Sugiki, Yukari Shitora and Hideko Kunii, Software Research Center, Tokyo, Japan
<i>↑</i>	D4	"Document on Computer" USPS Technical Support Center, Norman, OK
<i>↑</i>	D5	"Development of a Commercially Successful Wearable Data Collection System", Symbol Technologies, Inc.
<i>↑</i>	D6	"What do forward looking companies consider in their plans and developments?", A.G. Johnston, Nestle
<i>↑</i>	D7	"The Automation Synergy", Neves and Noivo, Portugal
<i>↑</i>	D8	"Integration of Hand-Written Address Interpretation Technology into the United States Postal Service Remote Computer Reader System", Srihari (CEDAR, SUNY at Buffalo) and Kueberg (U.S. Postal Service, VA)
<i>↑</i>	D9	"Paper Based Document Security - A Review", van Renesse, TNO Institute of Applied Physics, The Netherlands
<i>↑</i>	D10	"IEEE Standard for Bar Coding for Distribution Transformers" Transformers Committee of the IEEE Power Engineering Society, The Institute of Electrical and Electronics Engineers, Inc. NY
<i>↑</i>	D11	"The Stylus™-Shopping from Home", STYLUS Innovation, MA
<i>↑</i>	D12	"Distributing Uniform Resource Locators as Bar Code Images", IBM Technical Disclosure Bulletin, Jan 1996
<i>↑</i>	D13	"Bar Code Method for Automating Catalog Orders", IBM Technical Disclosure Bulletin, September 1998
<i>ll</i>	D14	"Bar-Code Recognition System Using Image Processing", Kuroki, Yoneoka et al., Hitachi Research Laborator
EXAMINER <i>mmher</i>	DATE CONSIDERED <i>08/30/04</i>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		